

Abstract

A slip joint assembly provides radial clearance compensation between a slip joint yoke and a receiving member. The slip joint yoke has a plurality of male splines formed externally thereon. The receiving member receives the splined yoke therein and has female splines which mate with the male splines of the yoke. The receiving member also has a plurality of circumferentially distributed, longitudinally extending, axis-parallel openings formed therein. The slip joint assembly further includes an elongated member having a C-shaped cross-section. The elongated member is compressibly received within each of the plurality of longitudinally extending openings and engages the splined shaft for providing a radial force between the splined shaft and the receiving member. This elongated member is preferably formed of a spring material to allow it to be compressible.

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